1R -

Plugging REPORTS

DATE:

 $2 - 10 - 0^{6}$



RECEIVED 2009 LEC 30 PM 1 38

December 10, 2009

Mr. Edward Hansen New Mexico Oil Conservation Division Environmental Bureau 1220 South St. Francis Drive Santa Fe, New Mexico 87505

RE:

Plains Pipeline, L.P. Red Byrd #1 Release Site NMOCD Reference # 1R-0085 Unit Letter H of Section 10, Township 20 South, Range 36 East Lea County, New Mexico

Plains Pipeline, L.P. Vacuum 10" to Jal Release Site NMOCD Reference # 1R-385 Unit Letter M of Section 20, Township 19 South, Range 37 East Lea County, New Mexico

Dear Mr. Hansen:

Please find the attached reports documenting the plugging and abandonment of monitor wells at the above referenced release sites. The monitor wells were plugged by Straub Corporation of Stanton, Texas (License Number WD-1478) using industry standard practices, approved by The New Mexico Office of the State Engineer (NMOSE).

Should you have any questions or comments, please contact me at (575) 441-1099.

Sincerely,

Jason Henry ^{(/} Remediation Coordinator Plains Pipeline, L.P.

Enclosure



OFFICE OF THE STATE ENGINEER

NO	POD NUMBER (VAC 10" T						OSE FILE NUI	MBER(S)			<u></u>	
GENERAL AND WELL LOCATION	WELL OWNER						PHONE (OPTI-	ONAL)				
ТΓ	WELL OWNER	MAILIN	IG ADDRESS		·		CITY		STATE		ZIP	
/EL	333 CLAY	STR	REET, SUITE	1600			HOUSTO	N	ТΧ	77	078	
D V				DEGREES	MINUTES	SECONDS	<u> </u>	······································				
AN	WELL			32			* ACCURACY	REQUIRED: ONE TEN	TUOFARE			
IAL	LOCATION	LA	ATITUDE		38	23.00 N			THOP A SEC	UND		
NER	(FROM GPS)	LC	ONGITUDE	103	16	46.00 W	· DATOM KE	QUIRED: WGS 84				
1. GEI	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS LEA COUNTY											
	(2.5 ACRE)		(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION		TOWNSHIP		RANGE		
Г	1/4		1/4	1/4	1/4				NORTH		EAST	
ANG	SUBDIVISION N	I IAME				LOT NUM	ABER	BLOCK NUMBER		UNIT/TRA		
Ŭ												
2. OPTIONAL	HYDROGRAPH	IC SUR	VEY					MAP NUMBER		TRACT NU	MBER	
7												
	LICENSE NUMI	BER	NAME OF LICE	NSED DRILLER				NAME OF WELL DR	ILLING COM	IPANY		
I	WD147	78	EDWARD	BRYAN				STRAUB CO	RPORAT	ION	I	
	DRILLING STA	RTED	DRILLING END	DED DEPTH OF COM	PLETED WELL (FT)	BORE HO	LE DEPTH (FT)	DEPTH WATER FIR	ST ENCOUN	TERED (FT)		
Z	10-28-0)9	10-28-09	9	29.4		29.4					
DRILLING INFORMATION	COMPLETED W	ELL IS:	ARTESIAN	DRY HOLE		STATIC WATER LE	VEL IN COM	PLETED WEI	LL (FT)			
FOF	DRILLING FLU	D:	✓ AIR	MUD	ADDITIVES	- SPECIFY:				_		
NG IN	DRILLING MET	HOD:	ROTARY	HAMMER	CABLE TOO	L 🗌 ОТН	ER – SPECIFY:					
n	DEPTH (F	77)	BORE HOL	E (CASING	CON	NECTION	INSIDE DIA.	CASING	G WALL	SLOT	
DRI	FROM	ТО	DIA. (IN)	M	ATERIAL	TYPE	(CASING)	CASING (IN)	THICKN	IESS (IN)	SIZE (IN)	
3												
									<u> </u>		,	
									<u> </u>			
	DEPTH (F	FT)	THICKNES	S FO				ATER-BEARING S			YIELD	
١TA	FROM	ТО	(FT)		(INCLUDE WA	TER-BEARING	CAVITIES O	R FRACTURE ZON	ES)		(GPM)	
TR												
GS												
RIN						- 4 <u>.</u>						
BEARING STRATA												
SR F												
WATER	METHOD USED	TO ES	TIMATE YIELD OF	WATER-BEARING STRA	ATA		····	TOTAL ESTIMATED	WELL YIEL	D (GPM)		
4. W												
	FOR OSE IN	TERN/	AL USE					WELL RECO	RD & LOG	(Version 6	/9/08)	

FOR USE INTERNAL USE		WELL RECORD & LOO	(veision 0/9/08)
FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 1 OF 2

dWD	TYPE O	F PUMP:	SUBMER		☐ JET ☐ CYLINDER	□ NO PUMP – WELL NOT EQUIPPED □ OTHER – SPECIFY:			
SEAL AND PUMP	ANNI	JLAR	DEPTH FROM	I (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH PLACE	
IAL	SEAL	AND	29.4'	2'	5	3 BAGS OF 3/8 HOLEPLUG		TOPL	OAD
5. SF	GRAVE	L PACK	2'	0	5	.5 BAGS OF CEMENT		ΤΟΡΙ	OAD
	DEPT	H (FT)	ТНІСК	NESS	(COLOR AND TYPE OF MATERIAL ENCOUN	 TERED	WA	TER
	FROM	то	(F)	ſ) 	(INCLU	DE WATER-BEARING CAVITIES OR FRACT	URE ZONES)		UNG?
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					<u> </u>			VES	
								☐ YES	
Ţ							······································	☐ YES	
WEI							·	□ YES	🗖 NC
OF							· · · · · · · · · · · · · · · · · · ·	□ YES	□ NC
TO(<u> </u>	T YES	
GEOLOGIC LOG OF WELL								T YES	
EOL			<u> </u>					YES	
6. G						· · · · · · · · · · · · · · · · · · ·			
								VES	
							· · · · · ·	🗋 YES	סא 🗖
								□ YES	🗖 NC
							·····	☐ YES	
						EDED TO FULLY DESCRIBE THE GEOLOGI		□ YES	
	l	<u></u>							
IL INFO	WELL	. TEST	METHOD: TEST RESU	BAIL		AIR LIFT OTHER – SPECIFY:	INCLUDING START T	IME, END T	IME,
- TC					ING DISCHARGE A	ND DRAWDOWN OVER THE TESTING PER	IOD.		
7. TEST & ADDITION		BING RE	MENTS OR EXPL	ANA HONS:					
SIGNATURE	CORREC	CT RECOF	RD OF THE AE	OVE DESC	CRIBED HOLE AND	ST OF HIS OR HER KNOWLEDGE AND BELI THAT HE OR SHE WILL FILE THIS WELL R ON OF WELL DRILLING:			

FOR OSE INTERNAL USE		WELL RECORD & LC	G (Version 6/9/08)
FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 2 OF 2



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	POD NUME			<i>,</i>					OSE FILE NUN	4BER(S)			
NOI	VAC TC			RW-2									
GENERAL AND WELL LOCATION	WELL OWN								PHONE (OPTIC	ONAL)			
TO	WELL OWN								CITY	·	STATE		ZIP
ELL				ET, SUITE	1600							77	2m 7078
D W					DEGREES	MINUTES	SECONDS						
AN.	WELL LOCATI				32	38	23.00	N	* ACCURACY	REQUIRED: ONE TEN	TH OF A SEC	COND	
RAI	(FROM G	1	··		103	16	46.00			QUIRED: WGS 84			
ENE	DESCRIPT			GITUDE									
1. G													
	(2.5 ACF	RE)		(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTI	ON		TOWNSHIP	NORTH	RANGE	EAST
AL	ļ	4		1⁄4	1/4	1/4					SOUTH		west
OPTIONAL	SUBDIVISI	ON NAM	1E				LOT 1	JUM	IBER	BLOCK NUMBER		UNIT/TRA	ст
2. 0	HYDROGR	APHIC S	URVE	ΣΥ ΣΥ	, 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		MAP NUMBER		TRACT NU	JMBER			
	LICENSE NUMBER NAME OF LICENSED DRILLER									NAME OF WELL DR	ILLING CON	I	
	WD1478 EDWARD BRYAN									STRAUB COP	RPORAT	ΓΙΟΝ	
	DRILLING	STARTE	D	DRILLING ENI		PLETED WELL (FT)	BORE		LE DEPTH (FT)	DEPTH WATER FIR	ST ENCOUN	TERED (FT)	
NO	10-2	28-09		10-28-0	ə	32.9		Э	32.9				
MATI	COMPLETI	ED WELI	L IS :	ARTESIAN	DRY HOLE	DRY HOLE SHALLOW (UNCONFINED)				STATIC WATER LE	VEL IN COM	PLETED WEI	LL (FT)
IFOF	DRILLING	FLUID:		✓ AIR	MUD	ADDITIVES	S – SPECIFY:						
iG IV	DRILLING	METHO	D:	ROTARY	HAMMER	CABLE TO	ol 🗌 o	тне	HER – SPECIFY:				
DRILLING INFORMATION	DEPT FROM	H (FT) TC)	BORE HOL DIA. (IN)		CASING ATERIAL			NECTION (CASING)	INSIDE DIA. CASING (IN)		G WALL IESS (IN)	SLOT SIZE (IN)
3. D													
V.	FROM	H (FT) TC	<u> </u>	THICKNES (FT)	S FO					ATER-BEARING S R FRACTURE ZON			YIELD (GPM)
RAT			,										
G ST													
RIN													
BEA						<u> </u>							
ER													
4. WATER BEARING STRATA	METHOD U	USED TO	ESTI	MATE YIELD OF	WATER-BEARING STRA	ΔТА				TOTAL ESTIMATED) WELL YIEL	.D (GPM)	
4	<u></u>					·····							

FOR OSE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08)
FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 1 OF 2

MP	TYPE O	F PUMP:	U SUBMER		☐ JET ☐ CYLINDER	☐ NO PUMP – WELL NOT EQUIPPED ☐ OTHER – SPECIFY:			
SEAL AND PUMP	ANNI	ULAR	DEPTH FROM	I (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHO PLACE	
TAL	SEAL	AND	32.9	2'	5	3 BAGS OF 3/8 HOLEPLUG		TOPLOAD	
5. SF	GRAVE	L PACK	2'	0	5	.5 BAGS OF CEMENT		TOPLOAD	
	DEPT	H (FT)	THICK	NESS		COLOR AND TYPE OF MATERIAL ENCOUNT	FRED	11/ 47	FED
	FROM	то	(FT			JDE WATER-BEARING CAVITIES OR FRACT		WA [*] BEAR	
								The second secon	🗖 NO
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								🗖 YES	🗆 NO
			-			····		T YES	🗖 NO
Г								The second secon	🗆 NO
VEL								T YES	□ NO
GEOLOGIC LOG OF WELL					· ·			🗖 YES	□ NO
00								☐ YES	🗖 NO
								The second secon	D NO
LOC								☐ YES	🗖 NO
GEO								YES	□ NO
6.0								VES	□ NO
								YES	🗆 NO
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			ATTACH	ADDITION	IAL PAGES AS NE	EDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL		
	1		METHOD:	BAILE	R PUMP	AIR LIFT OTHER – SPECIFY:			
AL INFO	WELL	. TEST				DATA COLLECTED DURING WELL TESTING,		ME, END TI	ME,
			AND A TAE	BLE SHOWI	NG DISCHARGE	AND DRAWDOWN OVER THE TESTING PERI	OD.		
			MENTS OR EXPL	ANATIONS:					
	PLUGO	SING RE	PORT						
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ST &									
7. TEST & ADDITION									
-							an a		
<u>ы</u>	THE UN	DERSIGN	ED HEREBY (CERTIFIES	THAT, TO THE BE	EST OF HIS OR HER KNOWLEDGE AND BELI	EF, THE FOREGOING I	S A TRUE A	ND
8. SIGNATURE	CORREC	LT RECOR RMIT HOL	D OF THE AB	OVE DESC	KIBED HOLE ANI FTER COMPLETI	O THAT HE OR SHE WILL FILE THIS WELL RI ON OF WELL DRILLING:	ECORD WITH THE STA	ATE ENGINI	EER AND
L'AN			1 / /	N		11.			
SIG		-24-	AZ	2,		12/2/09			
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FOR OSE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08)			
FILE NUMBER	POD NUMBER	TRN NUMBER			
LOCATION			PAGE 2 OF 2		



OFFICE OF THE STATE ENGINEER

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z	VAC TC									OSE FILE NU	MBER(S)			
01				1100-0						<u> </u>				
CAT	WELL OW									PHONE (OPT	IONAL)			
ğ	PLAINS						_							
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WΕ	333 CL	AY S	IRE	ET, SUITE	1600					HOUSTC	N	ТΧ	77	078
<u>a</u>	WELI			· · · ·	DEGRE	EES	MINUTES	SEC	ONDS	T				
ΓY	LOCATI		ΙΔΤ	ITUDE		32	38	2	23.00 _N	* ACCURAC	Y REQUIRED: ONE TER	TH OF A SEC	COND	
GENERAL AND WELL LOCATION	(FROM C	GPS)			1	03	16		46.00 W	* DATUM RE	QUIRED: WGS 84			
ENE				GITUDE					10.00	<u> </u>				
1. G	LEA CC			G WELL LOCATI	UN TO STI	CEET ADDRE	SS AND COM	IMON LAND	MARKS					
	(2.5 ACI	RE)		(10 ACRE)	(40	ACRE)	(160 /	ACRE)	SECTION		TOWNSHIP	NORTH	RANGE	EAST
AL	1	/4		1/4		1/4		1/4				SOUTH		west
OPTIONAL	SUBDIVISI	ON NAM	E	·					LOT NU	MBER	BLOCK NUMBER		UNIT/TRA	СТ
	HYDROGR	APHIC SI		v							MAP NUMBER		TRACT NU	IMBER
і ,	mbkook	<i>/11110</i> 0	OIC L								MAR NOMBER			MIDER
	LICENSE NUMBER NAME OF LICENSED DRILLER									NAME OF WELL DRILLING COMPANY				
	WD1478 EDWARD BRYAN									STRAUB CO				
									LE DEPTH (FT)	DEPTH WATER FI	RST ENCOUN	TERED (FT)		
N	10-2	28-09		10-28-0	9		36.3			36.3		_		
DRILLING INFORMATION	COMPLETI	ED WELL	. IS :	ARTESIAN	1	DRY HOLE	🖌 SHA	LLOW (UNG	CONFINED)	STATIC WATER LEVEL IN COMPLETED WELL (FT)				LL (FT)
IFOR	DRILLING	FLUID:		🖌 AIR		MUD	ADI	DITIVES – SF	PECIFY:					
NG IN	DRILLING	METHOL	D:	ROTARY		HAMMER	CAB	BLE TOOL	отн	ER – SPECIFY:				
LLL	DEPT	TH (FT)		BORE HOL			CASING			NECTION	INSIDE DIA.		G WALL	SLOT
DRI	FROM	то		DIA. (IN)			ATERIAL		ТҮРЕ	(CASING)	CASING (IN)	THICKN	ESS (IN)	SIZE (IN)
Э														
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	DEPT	TH (FT)		THICKNES	s	F					ATER-BEARING S			YIELD
ATA	FROM	то		(FT)			(INCLUI	DE WATEI	R-BEARING	G CAVITIES C	R FRACTURE ZO	NES)		(GPM)
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GS					_									
RIN											<u></u> =			
3EA		Ì			_								. <u> </u>	
ERI		<u> </u>												
WATER BEARING STRATA	METHOD U	USED TO	ESTI	MATE YIELD OF	WATER-B	EARING STR	ATA				TOTAL ESTIMATE	D WELL YIEI	.D (GPM)	
4. W														
-				····							<u> </u>	····	··••	

FOR OSE INTERNAL USE	WELL RECORD & LOC	G (Version 6/9/08)	
FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 1 OF 2

[[SIBLE		NO PUMP – WELL NOT EQUIPPED			
MP	TYPE OF	F PUMP:			CYLINDER	$\Box \text{ OTHER} - \text{SPECIFY}:$			
SEAL AND PUMP			DEPTH	I (FT)	BORE HOLE		AMOUNT	METHO	OD OF
ANE	ANNU	ILAR	FROM	то	DIA. (IN)	MATERIAL TYPE AND SIZE	(CUBIC FT)	PLACE	
[AL	SEAL	AND	36.3'	2'	5	4 BAGS OF 3/8 HOLEPLUG		TOPL	.OAD
5. SI	GRAVE	L PACK	2'	0	5	.5 BAGS OF CEMENT		TOPL	.OAD
				<u> </u>			<u> </u>		
	DEPTI	H (FT)	THICK	NESS		COLOR AND TYPE OF MATERIAL ENCOUNT	ERED	WA	
	FROM	TO	(F1	Г)	(INCLU	JDE WATER-BEARING CAVITIES OR FRACT	URE ZONES)	BEAR	ING?
								VES	🗖 NO
								VES	🗖 NO
								VES	🗖 NO
		_						YES	🗖 NO
T					-			T YES	🗖 NO
WEI								T YES	🗖 NO
OF								T YES	🗖 NO
6. GEOLOGIC LOG OF WELL								□ YES	□ NO
GIC								□ YES	□ NO
)LO								☐ YES	D NO
GEC								☐ YES	D NO
6.								☐ YES	🗖 NO
								□ YES	🗖 NO
								The YES	🗖 NO
								☐ YES	D NO
								☐ YES	🗖 NO
								□ YES	NO
			ATTACH	I ADDITION	AL PAGES AS NE	EDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL		
0			METHOD:	BAILE	ER DPUMP	AIR LIFT OTHER – SPECIFY:			
AL INFO	WELL	L TEST				ATA COLLECTED DURING WELL TESTING,		IME, END T	IME,
NAL					NG DISCHARGE A	AND DRAWDOWN OVER THE TESTING PERI	OD		
ADDITION		NAL STATEN	MENTS OR EXPL	ANATIONS:					
8	-								
TEST									
T.7									
		DERSIGN	ED HEPERV (CEBTIEIES .		ST OF HIS OR HER KNOWLEDGE AND BELI		S A TRUE A	ND
JRE	CORREC	CT RECOR	D OF THE AE	BOVE DESC	RIBED HOLE ANI	D THAT HE OR SHE WILL FILE THIS WELL R	ECORD WITH THE STA	ATE ENGIN	EER AND
IATL				120 DAYS A	IF LEK COMPLETI	ON OF WELL DRILLING:			
SIGNATURE		51	LA	¥		12/15/09			
8		of	SIGNATU	RE OF DRIL	LER				
<u> </u>	<u> </u>					· · · · · · · · · · · · · · · · · · ·			

FOR OSE INTERNAL USE	WELL RECORD & LO	WELL RECORD & LOG (Version 6/9/08)		
FILE NUMBER	POD NUMBER	TRN NUMBER		
LOCATION			PAGE 2 OF 2	



OFFICE OF THE STATE ENGINEER

_	POD NUME	BER (WE	LL NU	MBER)				OSE FILE NUM	/BER(S)			
NO	VAC 10	" ТО ,	JAL	MW-1								
ATI	WELL OWN						·	PHONE (OPTI	ONAL)			
GENERAL AND WELL LOCATION												
LLL]	WELL OWN				4000			CITY STATE			ZIP	
WE	333 CL	AYS	IRE	ET, SUITE	1600			HOUSTO	N	TX		078
AND	WELL				DEGREES		ECONDS					
AL /	LOCATI		LAT	ITUDE	32	38	23.00 _N		REQUIRED: ONE TEN	TH OF A SEC	COND	
VER	(FROM G	iPS)	LON	GITUDE	103	16	46.00 ^W	* DATUM REC	QUIRED: WGS 84			
	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS											
1.	LEA COUNTY											
	(2.5 ACF	RE)		(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION		TOWNSHIP		RANGE	
Ţ	Ļ	4		1/4	1/4	1/4			1	NORTH		EAST WEST
2. OPTIONAL	SUBDIVISI		1E				LOT NUM	1BER	BLOCK NUMBER	3001N	UNIT/TRA	
PTI												
2.0	HYDROGRAPHIC SURVEY								MAP NUMBER		TRACT NU	JMBER
-	LICENSE NUMBER NAME OF LICENSED DRILLER								NAME OF WELL DR	ILLING COM	IPANY	
	WD1478 EDWARD BRYAN								STRAUB COP	RPORAT	ION	
			DRILLING ENI	1	PLETED WELL (FT)		LE DEPTH (FT)	DEPTH WATER FIR	ST ENCOUN	TERED (FT)		
NO	10-2	28-09		10-28-0	9	35.1		35.1				. (59)
3. DRILLING INFORMATION	COMPLETED WELL IS: ARTESIAN DRY HOLE SHALLOW (UNCONFINED)							STATIC WATER LE	VEL IN COM	PLETED WEI	LL (FT)	
IFOI	DRILLING FLUID: AIR MUD ADDITIVES - SPECIFY:						- SPECIFY:					
G IV	DRILLING	метно	D:	ROTARY	HAMMER	HAMMER CABLE TOOL OTHER – SPECIFY:						
TLN	DEPT	H (FT)		BORE HOL	,E	CASING CON		NECTION	INSIDE DIA.	CASING	G WALL	SLOT
RIL	FROM	TC)	DIA. (IN)	М	0011		(CASING)	CASING (IN)		IESS (IN)	SIZE (IN)
З. I												
							l		l	l		
Y	DEPT FROM	TH (FT) TC		THICKNES (FT)	SS F				ATER-BEARING S R FRACTURE ZON			YIELD (GPM)
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4. WATER BEARING STRATA	METHOD U	JSED TO	ESTI	MATE YIELD OF	WATER-BEARING STR	ATA			TOTAL ESTIMATED	WELL YIEL	D (GPM)	
4. W												
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	FOR OSE	INTE	RNAI	LISE					WELL RECO	RD & LOG	Version 6	/0/08)

FOR USE INTERNAL USE								
FILE NUMBER	POD NUMBER	TRN NUMBER						
LOCATION			PAGE 1 OF 2					

MP	TYPE O	F PUMP:	U SUBMER		☐ JET ☐ CYLINDER	□ NO PUMP – WELL NOT EQUIPPED □ OTHER – SPECIFY:			
SEAL AND PUMP	ANNI	JLAR	DEPTH FROM	I (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHO	
CAL	SEAL	AND	35.1'	2'	5	3 BAGS OF 3/8 HOLEPLUG		TOPL	.OAD
5. SH	GRAVE	L PACK	2' 0 5 .5 BAGS OF CEMENT			TOPL	.OAD		
	DEPT	H (FT)	THICK	NESS		COLOR AND TYPE OF MATERIAL ENCOUNT	EPED	117.47	FED
	FROM	то	(FT			JDE WATER-BEARING CAVITIES OR FRACT		WA BEAR	
								□ YES	🗖 NO
						-		THE YES	🗖 NO
								T YES	🗖 NO
						· · · · · · · · · · · · · · · · · · ·		T YES	🗖 NO
F								TYES	🗖 NO
WEI								T YES	🗖 NO
GEOLOGIC LOG OF WELL								TYES	🗖 NO
00								☐ YES	🗖 NO
								☐ YES	🗖 NO
FOC								☐ YES	🗖 NO
EO						······		U YES	🗌 NO
6. (☐ YES	□ NO
								☐ YES	🗖 NO
							- ·	☐ YES	🗆 NO
								☐ YES	🗆 NO
								☐ YES	🗖 NO
								☐ YES	🗖 NO
			ATTACH	ADDITION	IAL PAGES AS NE	EEDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL		
			METHOD:	BAILE	ER DPUMP	AIR LIFT OTHER – SPECIFY:			
AL INFO	WELL	L TEST				DATA COLLECTED DURING WELL TESTING,		IME, END T	IME,
			AND A TAP	BLE SHOWI	NG DISCHARGE	AND DRAWDOWN OVER THE TESTING PERI	OD.		
NOI	1		MENTS OR EXPL	ANATIONS:					
ADDITION	PLUGO	SING RE	PORT						
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T &									
TEST	}								
7.									
	THE UN	DERSIGN	ED HEREBY (CERTIFIES	THAT, TO THE BE	EST OF HIS OR HER KNOWLEDGE AND BELL	EF, THE FOREGOING I	S A TRUE A	ND
8. SIGNATURE	CORREC	CT RECOR	D OF THE AE	BOVE DESC	RIBED HOLE ANI	D THAT HE OR SHE WILL FILE THIS WELL R ON OF WELL DRILLING:	ECORD WITH THE STA	ATE ENGINI	EER AND
(AT)	INCTE	A		7	A TERCOMPLETI				
SIG.		A-	AF	2		12/6/09			
8.5			SIGNATUR	RE OF DRIL	LER				
	L			/					

FOR OSE INTERNAL USE	WELL RECORD & LO	ELL RECORD & LOG (Version 6/9/08)		
FILE NUMBER	POD NUMBER	TRN NUMBER		
LOCATION			PAGE 2 OF 2	



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Z	POD NUME							OSE FILE NUN	IBER(S)			
DCATIC	WELL OW	NER NAM	ME(S)	TING LP				PHONE (OPTIC	DNAL)			
GENERAL AND WELL LOCATION	WELL OWI			ADDRESS	1600			CITY STATE HOUSTON TX 77			ZIP 7078	
T AND V	WELI LOCATI		LAT	TTUDE	DEGREES 32	MINUTES SECO	NDS 3.00 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		COND		
ENERA	(FROM C			IGITUDE	103	103 16 46.00 **			QUIRED: WGS 84			
1. GI	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS											
	(2.5 ACI	1		(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION			NORTH	RANGE	EAST
OPTIONAL	SUBDIVISI	/4 ION NAM	1E	1/4	1/4	1/4	LOT NUM	IBER	BLOCK NUMBER	south	UNIT/TRA	CT WEST
2. OPT	HYDROGRAPHIC SURVEY								MAP NUMBER		TRACT NU	JMBER
	LICENSE NUMBER NAME OF LICENSED DRILLER WD1478 EDWARD BRYAN								NAME OF WELL DR			
,	DRILLING STARTED DRILLING ENDED					PLETED WELL (FT)	BORE HO	LE DEPTH (FT)	DEPTH WATER FIR			
NO	10-2	28-09		10-28-09	9	34.4	:	34.4				
RMATI	COMPLETED WELL IS: ARTESIAN			ARTESIAN	DRY HOLE	SHALLOW (UNCO	ONFINED)		STATIC WATER LEVEL IN COMPLETED WELL (FT)			LL (FT)
NFOI	DRILLING	FLUID:		✓ AIR	MUD	ADDITIVES – SPE	BCIFY:					
I DN	DRILLING	METHO	D:	ROTARY	HAMMER	HAMMER CABLE TOOL OTHER - SPECIFY:						
DRILLING INFORMATION	DEPT FROM	TH (FT) TO)	BORE HOL DIA. (IN)				NECTION (CASING)	INSIDE DIA. CASING (IN)	1	G WALL IESS (IN)	SLOT SIZE (IN)
3.							 					
V		TH (FT)		THICKNES (FT)	s FC	DRMATION DESCRIP (INCLUDE WATER						YIELD (GPM)
FRAT	FROM		,									(01,)
NG ST												
EARD												
ER BI	1										i	
4. WATER BEARING STRATA	METHOD (USED TO	ESTI	MATE YIELD OF	WATER-BEARING STRA	ТА			TOTAL ESTIMATED	WELL YIEL	LD (GPM)	
_												

FOR OSE INTERNAL USE	OSE INTERNAL USE				
FILE NUMBER	POD NUMBER	TRN NUMBER			
LOCATION		PAGE 1 OF 2			

MP	TYPE O	F PUMP:	SUBMER		☐ JET ☐ CYLINDER	□ NO PUMP – WELL NOT EQUIPPED □ OTHER – SPECIFY:			
SEAL AND PUMP	ANN		DEPTH FROM	H (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHO PLACE	
AL.	SEAL	AND	34.4	2'	5	6 BAGS OF 3/8 HOLEPLUG		TOPLOAD	
5. SF	GRAVE	L PACK	2'	0	5	.5 BAGS OF CEMENT		TOPL	OAD
	. —								
	DEPT	H (FT)	THICK	NESS		COLOR AND TYPE OF MATERIAL ENCOUNT	ERED	WA	ГЕР
	FROM	то	(F1			JDE WATER-BEARING CAVITIES OR FRACTI		BEAR	
								S YES	🗖 NO
								🗖 YES	🗖 NO
								T YES	□ NO
							·······	T YES	□ NO
Ţ								☐ YES	🗖 NO
VEI								☐ YES	□ NO
OF \								The second secon	🗖 NO
00								T YES	□ NO
ICL								☐ YES	D NO
GEOLOGIC LOG OF WELL								T YES	□ NO
EOI								☐ YES	□ NO
6								☐ YES	□ NO
								☐ YES	□ NO
								T YES	□ NO
							<u>.</u>	☐ YES	□ NO
				<u> </u>				T YES	□ NO
						,,,,,,		T YES	□ NO
		1	ATTACH	ADDITION	IAL PAGES AS NE	EEDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL	- I	
0			METHOD:	BAILE	ER DPUMP	AIR LIFT OTHER – SPECIFY:			
L INFO	WELL	. TEST				DATA COLLECTED DURING WELL TESTING, AND DRAWDOWN OVER THE TESTING PERI		IME, END T	IME,
		NAL STATE	MENTS OR EXPL						
7. TEST & ADDITIONA		SING RE		20000					
8									
EST									
7. T									
<u> </u>				OPPTYPE					
RE	CORRE	CT RECOR	D OF THE AB	BOVE DESC	RIBED HOLE ANI	EST OF HIS OR HER KNOWLEDGE AND BELI D THAT HE OR SHE WILL FILE THIS WELL R	EF, THE FOREGOING I	S A TRUE A ATE ENGINI	.ND EER AND
8. SIGNATURE	THE PE	RMIT HOL	DER WITHIN.	20 DAYS A	FTER COMPLETI	ON OF WELL DRILLING:			
IGN		L	14			12/1 49			
8. SI	7	4-	SIGNATUR	E OF DRIL					
				,					

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FOR OSE INTERNAL USE	WELL RECORD & LOG (Version 6/9/08)			
FILE NUMBER	POD NUMBER	TRN NUMBER		
LOCATION			PAGE 2 OF 2	



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Z	1		l number) 0" MW-3				OSE FILE NUN	ABER(S)				
OCATIO	WELL OWN					<u></u>	PHONE (OPTIC	ONAL)				
WELL L			ING ADDRESS REET, SUITE	1600		<u></u>	сіту HOUSTO	N	STATE TX		ZIP 7078	
GENERAL AND WELL LOCATION	WELL LOCATI	ON	LATITUDE	degrees 32	38	seconds 23.00 N		REQUIRED: ONE TEN	TH OF A SEC	COND		
1. GENER	DESCRIPT	(FROM GPS) LONGITUDE 103 16 46.00 W * DATUM REQUIRED: WGS 84 DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS EA COUNTY EA COUNTY										
NAL	(2.5 ACRE) (10 ACRE)		(40 ACRE) 1/4	1/4 1/4		IBER	TOWNSHIP BLOCK NUMBER	NORTH	RANGE UNIT/TRA	EAST		
2. OPTIONAL	SUBDIVISI				,			MAP NUMBER		TRACT NU		
		LICENSE NUMBER NAME OF LICENSED DRILLER WD1478 EDWARD BRYAN						NAME OF WELL DR				
NO	DRILLING STARTED DRILLING ENDED 10-28-09 10-28-09				PLETED WELL (FT)	BORE HO	LE DEPTH (FT)	DEPTH WATER FIR				
RMATI	COMPLETE	ED WELL I	IS: ARTESIAN	DRY HOLE	SHALLOW ((UNCONFINED)		STATIC WATER LE	VEL IN COM	PLETED WEI	-L (FT)	
INFO		DRILLING FLUID: Image: Air and additives - specify: DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY:										
DRILLING INFORMATION	DEPT FROM	H (FT) TO	BORE HOL DIA. (IN)		CASING ATERIAL		CONNECTIONINSIDE DIA.TYPE (CASING)CASING (IN)		CASING WALL THICKNESS (IN)		SLOT SIZE (IN)	
, e,												
	DEPT	H (FT)	THICKNES	S F				ATER-BEARING S			YIELD	
STRATA	FROM	TO	(FT)		(INCLUDE WA	TER-BEARING	CAVITIES O	R FRACTURE ZON	IES)		(GPM)	
BEARING												
4. WATER F	FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) SOURCE Image: Source								.D (GPM)			

FOR OSE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08)			
FILE NUMBER	POD NUMBER	TRN NUMBER			
LOCATION		PAGE 1 OF 2			

IMP	TYPE O	F PUMP:	SUBMER		☐ JET ☐ CYLINDER	□ NO PUMP – WELL NOT EQUIPPED □ OTHER – SPECIFY:			
SEAL AND PUMP	ANNI	ULAR	DEPTH FROM	I (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH	
AL	SEAL	AND	32'	2'	5	3 BAGS OF 3/8 HOLEPLUG		TOPL	.OAD
5. SF	GRAVE	L PACK	2'	0	5	.5 BAGS OF CEMENT		TOPL	.OAD
	DEPT	H (FT)	THICK	NESS		COLOR AND TYPE OF MATERIAL ENCOUNT	TERED	WA	TED
	FROM	то	(F1			DE WATER-BEARING CAVITIES OR FRACT		BEAR	
								T YES	🗖 NO
								🗖 YES	🗖 NO
								T YES	🗖 NO
								☐ YES	🗆 NO
Г								☐ YES	🗖 NO
VEL								☐ YES	□ NO
6. GEOLOGIC LOG OF WELL								T YES	
L0G								T YES	🗖 NO
HC]								T YES	🔲 NO
ГОС								☐ YES	🗖 NO
3EO						······································		☐ YES	🗖 NO
6								☐ YES	□ NO
								☐ YES	🗖 NO
								The YES	□ NO
							1	□ YES	🗆 NO
								☐ YES	🗆 NO
								☐ YES	🗖 NO
			ATTACH	ADDITION	IAL PAGES AS NE	EDED TO FULLY DESCRIBE THE GEOLOGIC	CLOG OF THE WELL	1	
			METHOD:	BAILE	R DPUMP	AIR LIFT OTHER – SPECIFY:			
NFO	WELL	. TEST				ATA COLLECTED DURING WELL TESTING,			INTE
AL II						ND DRAWDOWN OVER THE TESTING PERI		INE, END I	IIVIE,
TEST & ADDITIONAL INFO		NAL STATEN	MENTS OR EXPL	ANATIONS:					
ADD									
ľ &									
LES									
7.1									
		DEBOLON						0 4 775115 -	
RE	CORREC	CT RECOR	D OF THE AB	BOVE DESC	RIBED HOLE AND	ST OF HIS OR HER KNOWLEDGE AND BELI) THAT HE OR SHE WILL FILE THIS WELL R	ECORD WITH THE STA	S A TRUE A ATE ENGINI	EER AND
ATU	THE PEI	RMIT HOL	DER WITHIN	20 DAYS A	FTER COMPLETIC	ON OF WELL DRILLING:			
SIGNATURE		5/	1 k			12/1/03			
8. SI					-				
			SIGNATU	E OF DRIL	LCK	/ ' DATE			

FOR OSE INTERNAL USE	WELL RECORD & LOG	(Version 6/9/08)	
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	POD NUME	BER (WEI	LL NUM	(BER)						OSE FILE NUM	ABER(S)			
NO	VAC TC) JAL	10" N	/W-4										
Π	WELL OWN									PHONE (OPTIC	DNAL)			
Q	PLAINS	MAR	KETI	ING LP										
LL I	WELL OWN									CITY		STATE		ZIP
WEI	333 CL	AY ST	TREE	ET, SUITE	1600					HOUSTO	N	тх	77	078
ND	WELL				DEGREES	EGREES MINUTES SECONDS								
AL A	LOCATI	ON	LATIT	UDE	32		38	23	.00 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND				
ER/	(FROM G	PS)	LONG	ITUDE	103		16	46	.00 W	* DATUM REC	QUIRED: WGS 84			
GENERAL AND WELL LOCATION	DESCRIPT	ION REL	ATING	WELL LOCATI	ON TO STREET ADDRE	SS ANE	COMMON L	ANDMA	ARKS	· · · · · · · · · · · · · · · · · · ·				
1.	LEA CC	UNT	Y											
	(2.5 ACF	PE)		0 ACRE)	(40 ACRE)	1	(160 ACRE)		SECTION		TOWNSHIP		RANGE	
L L			(i		(40 ACKE)				SECTION		TOWNSHIL	NORTH	KANGE	EAST
INAL	SUBDIVISI	/4 ON NAM	IE	1/4	/4		1/4		LOT NUM	IBER	BLOCK NUMBER	SOUTH	UNIT/TRA	CT WEST
TIO	000011101	0	2											
2. OPTIONAL	HYDROGR	APHIC S	URVEY								MAP NUMBER		TRACT NL	JMBER
7														
	LICENSE N	UMBER		NAME OF LICE	INSED DRILLER			·· · · · ·			NAME OF WELL DR	LILLING CON	I 1PANY	
	WD	1478	Ē	EDWARD	BRYAN						STRAUB CO	RPORAT	ΓΙΟΝ	
										LE DEPTH (FT)	DEPTH WATER FIR	ST ENCOUN	TERED (FT)	
NO	10-28-09 10-28-09 35									35				·
ATIC	COMPLETED WELL IS: ARTESIAN DRY HOLE SHALLOW (UNCONFINED)										STATIC WATER LE	VEL IN COM	PLETED WEI	LL (FT)
RM	COMPLETE	ED WELL	_ IS:	ARTESIAN	DRY HOLE	L.	SHALLOW	(UNCO	NFINED)					
3. DRILLING INFORMATION	DRILLING	FLUID:		🖌 AIR	MUD		ADDITIVES	S – SPEC	CIFY:					
NG I	DRILLING	METHO	D:	ROTARY	HAMMER		CABLE TOO	OL	OTHE	R - SPECIFY:		·		
LLI	DEPT	H (FT)		BORE HOL	E	CASIN	IG			NECTION	INSIDE DIA.		G WALL	SLOT
DRI	FROM	то)	DIA. (IN)	M	ATER	IAL		TYPE	(CASING)	CASING (IN)	THICKN	IESS (IN)	SIZE (IN)
3.														
				=		0.014								
¥.	FROM	TH (FT)		THICKNES (FT)	S F						ATER-BEARING S R FRACTURE ZON			YIELD (GPM)
RAT	РКОМ	10				(
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ONIN														
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R B				_										
WATER BEARING STRATA	METHOD U	JSED TO	ESTIM	ATE YIELD OF	WATER-BEARING STR	ATA					TOTAL ESTIMATED	WELL YIEL	.D (GPM)	
4. W														
											L			

FOR OSE INTERNAL USE		<u>WELL RECORD & LOG</u>	(Version 6/9/08)
FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 1 OF 2

0	TYPE O	F PUMP:	SUBMER			NO PUMP – WELL NOT EQUIPPED			
UMF			TURBIN	E	CYLINDER	OTHER – SPECIFY:			
SEAL AND PUMP			DEPTH FROM	I (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHO PLACE	
AL /	ANNI SEAL		35'	2'	5	4 BAGS OF 3/8 HOLEPLUG		TOPL	OAD
5. SE	GRAVE	L PACK	2'	0	5	.5 BAGS OF CEMENT		TOPL	
4,									
	DEPT	H (FT)	THICK	NESS		COLOR AND TYPE OF MATERIAL ENCOUNT	ERED	WA	 FER
	FROM	ТО	(F			JDE WATER-BEARING CAVITIES OR FRACT		BEAR	
								□ YES	🗆 NO
								VES	🗆 NO
								T YES	□ NO
								T YES	□ NO
F I								T YES	🗆 NO
WEI								T YES	□ NO
OF								☐ YES	🗖 NO
) OG								T YES	🗖 NO
								TYES	🗖 NO
GEOLOGIC LOG OF WELL								T YES	□ NO
CEO								TYES	□ NO
6.								TYES	🔲 NO
								☐ YES	□ NO
				· · · · · · · · · · · · · · · · · · ·			<u> </u>	☐ YES	🗆 NO
							·····	□ YES	🗖 NO
								T YES	🗖 NO
								□ YES	🗆 NO
			ATTACH	I ADDITION	IAL PAGES AS NE	EDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL		
0			METHOD:	BAILE	ER 🗌 PUMP	AIR LIFT OTHER – SPECIFY:			·
VL INFO	WELL	. TEST				DATA COLLECTED DURING WELL TESTING, AND DRAWDOWN OVER THE TESTING PERI		IME, END T	ME,
		JAL OTATES	MENTS OR EXPL						
& ADDITION		SING RE		ANATIONS.					
8									
TEST	·								
7. 7									
		DERSIGN	ED HERERV	CERTIFIES	ТНАТ ТО ТНЕ ВЕ	EST OF HIS OR HER KNOWLEDGE AND BELI	EF THE FOREGOING	S A TRUE A	
JRE	CORREC	CT RECOR	D OF THE AE	BOVE DESC	RIBED HOLE ANI	D THAT HE OR SHE WILL FILE THIS WELL R			
ATL	THE PE	RMITHOL	DER WITHIN	120 DAYS A	AFTER COMPLETI	ON OF WELL DRILLING:			
SIGNATURE		51	14	5		12/1/09			
s. S		0	SIGNATUI	RE OF DRIL	LER				
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FILE NUMBER	POD NUMBER	TRN NUMBER	
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]	POD NUME	BER (WE	LL NU	(MBER)						OSE FILE NUM	1BER(S)			
ION	VAC TC			MW-5										
GENERAL AND WELL LOCATION	WELL OWN									PHONE (OPTIC)NAL)			
L LO	WELLOW								<u></u>	СІТҮ		STATE		ZIP
VELI	333 CL	AY S	TRE	ET, SUITE	1600	0			HOUSTON		тх	77	078	
ND V	WELL				DEGREES	1	MINUTES	SECONI	DS S					
IL A	LOCATI		LAT	ITUDE	32		38	23.	00 N	* ACCURACY	REQUIRED: ONE TEN	TH OF A SEC	COND	
(ERA	(FROM G	JPS)	LON	GITUDE	103		16	46.	00 W	* DATUM REC	UIRED: WGS 84		_	
				G WELL LOCATI	ON TO STREET ADD	RESS	AND COMMON I	ANDMA	RKS					
Ι.	LEA CC	DUNT	Y											
	(2.5 ACF	RE)		(10 ACRE)	(40 ACRE)	_	(160 ACRE)		SECTION		TOWNSHIP	NORTH	RANGE	EAST
VAL		/4		1/4	1/4		1/4				BLOCK NUMBER	SOUTH	v in term terms of	WEST
OPTIONAL	SUBDIVISI	ON NAM	1E						LOT NUM	IBER	BLOCK NUMBER		UNIT/TRA	CI
2. OF	HYDROGR	APHIC S	URVE	.Y	· · · · -						MAP NUMBER		TRACT NU	JMBER
												•		
	LICENSE N										NAME OF WELL DE			
	WD1478 EDWARD BRYAN DRILLING STARTED DRILLING ENDED DEPTH OF COMPLETED WELL (FT) BORE HOI							BOREHO	LE DEPTH (FT)	STRAUB CO				
Z	10-28-09 10-28-09						30			30			121120 (11)	
3. DRILLING INFORMATION	COMPLETED WELL IS: ARTESIAN			DRY HO	LE	SHALLOW	UNCON	IFINED)		STATIC WATER LE	VEL IN COM	PLETED WEI	LL (FT)	
FORM	DRILLING			✓ AIR			ADDITIVE							
G IN	DRILLING		D:	ROTARY	П намме	R	CABLE TO			R – SPECIFY:				
TLIN	DEPT	H (FT)	_	BORE HOL	E	CA	SING		CON	NECTION	INSIDE DIA.	CASING	G WALL	SLOT
DRII	FROM	TC)	DIA. (IN)		MAT	ERIAL		TYPE	(CASING)	CASING (IN)	THICKN	ESS (IN)	SIZE (IN)
З.														
											_			
	DEPT	H (FT)		THICKNES	s						ATER-BEARING S			YIELD
LATA	FROM	тс)	(FT)			(INCLUDE WA	ATER-B	EARING	CAVITIES OI	R FRACTURE ZON	IES)		(GPM)
STR														
SUNG														
BEAI														
TER													<u></u>	
WATER BEARING STRATA	METHOD U	USED TC) ESTI	MATE YIELD OF	WATER-BEARING S	TRAT.	A				TOTAL ESTIMATEI	O WELL YIEL	D (GPM)	
4										·				

FOR OSE INTERNAL USE		WELL RECORD & LOG	(Version 6/9/08)
FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 1 OF 2

F	MP	TYPE OF PUM	P: DSUBME		☐ JET ☐ CYLINDER	NO PUMP – WELL NOT EQUIPPED			
	SEAL AND PUMP	ANNULAR	DEPT FROM	H (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH PLACE	
	EAL	SEAL AND	30'	2'	5	3 BAGS OF 3/8 HOLEPLUG		TOPL	.OAD
	5. SI	GRAVEL PAC	K 2'	0	5	.5 BAGS OF CEMENT		TOPL	.OAD
		DEPTH (FT) FROM TO		THICKNESS (FT)		COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)			
ĺ		-					<u> </u>	The second secon	🗖 NO
									NO
								The YES	🗖 NO
								T YES	🗖 NO
	ΓΓ							T YES	🗖 NO
	WELL							☐ YES	🗖 NO
	OF						······	T YES	🗖 NO
	,0G							☐ YES	□ NO
	IC I							☐ YES	🗖 NO
	GEOLOGIC LOG OF							VES	🗖 NO
	JEO						с. В	T YES	🗖 NO
	6.6							☐ YES	🗖 NO
						·······		T YES	□ NO
							· · · · · · · · · · · · · · · · · · ·	VES	NO
								☐ YES	NO 🗌
								T YES	🗖 NO
								The Yes	🗖 NO
		I	ATTAC	H ADDITION	NAL PAGES AS NI	EEDED TO FULLY DESCRIBE THE GEOLOGIC	CLOG OF THE WELL		
F			METHOD:	BAILI	ER D PUMP	AIR LIFT OTHER – SPECIFY:			
	INFO	WELL TEST				DATA COLLECTED DURING WELL TESTING,	INCLUDING START TI	ME, END TI	IME.
	AL		AND A TA	BLE SHOWI	NG DISCHARGE	AND DRAWDOWN OVER THE TESTING PER	OD.		
	NO	ADDITIONAL ST	TEMENTS OR EXP	LANATIONS:					
	ADDITION	PLUGGING							
		29' OF CAS	NG LEFT IN	HOLE					
	зТ &								
	TEST								
	7.								
F		THE UNDERS	GNED HEREBY	CERTIFIES	THAT, TO THE BI	EST OF HIS OR HER KNOWLEDGE AND BELI	EF. THE FOREGOING I	S A TRUE A	ND
	URE	CORRECT REC	CORD OF THE A	BOVE DESC	RIBED HOLE AN	D THAT HE OR SHE WILL FILE THIS WELL R			
	SIGNATURE			2					
	SIG	2h	L h	4		12/0/09			
	ŝ	- un	SIGNATY	RE OF DRIL	LER	DATE			
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z	POD NUME					<u> </u>		OSE FILE NUN	/BER(S)			
GENERAL AND WELL LOCATION	WELL OWN							PHONE (OPTIC				
,oca	PLAINS			FING LP								
TTT I	WELL OWN							СІТҮ		STATE		ZIP
WE	333 CL	AY S	IRE	ET, SUITE	1600			HOUSTO	N	TX	77	078
AND	WELI				DEGREES		ECONDS					
SAL	LOCATI (FROM G	·	LAT	ITUDE	32	38	23.00 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84				
ENEI				GITUDE	103	16	46.00 W					
1. GI	LEA CC			G WELL LOCATI	ON TO STREET ADDRES	SS AND COMMON LAP	NDMARKS			_		
	(2.5 ACF	RE)		(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION		TOWNSHIP		RANGE	EAST
IAL	ļ			1/4	1/4	1/4				south		west
OPTIONAL	SUBDIVISI	ON NAM	IE				LOT NUM	1BER	BLOCK NUMBER		UNIT/TRA	СТ
2. 0	HYDROGR	APHIC S	URVE	Y			I		MAP NUMBER		TRACT NU	JMBER
	LICENSE N	UMBER		NAME OF LICE	NSED DRILLER				NAME OF WELL DR	ILLING COM	IPANY	
		1478		EDWARD				STRAUB COF				
_	DRILLING	starte 2 8-09	D	DRILLING ENI 10-28-0		PLETED WELL (FT)		LE DEPTH (FT) 31.8	DEPTH WATER FIR	ST ENCOUN	TERED (FT)	
LION				10 20 0			`		STATIC WATER LEV	VEL IN COM	PLETED WEI	L (FT)
RMA	COMPLET	ED WELL	JIS:	ARTESIAN	DRY HOLE							
INFO	DRILLING	FLUID:		AIR		ADDITIVES -	SPECIFY:		·			
DNI	DRILLING): 	ROTARY		CABLE TOOL		R – SPECIFY:	r	 -		
3. DRILLING INFORMATION	DEPT FROM	H (FT) TO	,	BORE HOL DIA. (IN)		CASING ATERIAL		NECTION (CASING)	INSIDE DIA. CASING (IN)		G WALL IESS (IN)	SLOT SIZE (IN)
3.												
										L		
V		TH (FT)		THICKNES (FT)	S FO				ATER-BEARING S' R FRACTURE ZON			YIELD (GPM)
RAT	FROM	10		()			ER DE/IRING					(01.11)
G ST										<u> </u>		
RIN							_					
BEA												
WATER BEARING STRATA	METHODI		FSTI		WATER-BEARING STR	<u></u>					D (GPM)	
4. WA	METHODU	JSED 10	ESII	WATE TIELD OF	WAIER-DEAKING SI KA	117			TOTAL ESTIMATED	WELL YIEL	U(OrM)	
									L			

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AM	TYPE O	F PUMP:	SUBMER		☐ JET ☐ CYLINDER	□ NO PUMP – WELL NOT EQUIPPED □ OTHER – SPECIFY:			
SEAL AND PUMP	ANNU	ILAR	DEPTH FROM	I (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH(PLACE	
AL	SEAL	AND	31.8'	2'	5	2 BAGS OF 3/8 HOLEPLUG		TOPL	OAD
S. SF	GRAVE	L PACK	2'	0	5	.5 BAGS OF CEMENT		TOPL	.OAD
4.									
	DEPT	H (FT)	ТНІСК	NESS		COLOR AND TYPE OF MATERIAL ENCOUNT			
	FROM	то	(FT			JDE WATER-BEARING CAVITIES OR FRACT		WA BEAR	
								🗖 YES	□ NO
								I YES	□ NO
			<u> </u>					☐ YES	□ NO
								VES	□ NO
Г						· · ·		T YES	□ NO
VEL			 					VES	□ NO
OF \								T YES	□ NO
06								T YES	□ NO
GEOLOGIC LOG OF WELL								The second secon	🗖 NO
L06								T YES	□ NO
GEO								☐ YES	D NO
6								☐ YES	🗖 NO
								T YES	□ NO
								VES	🗆 NO
								□ YES	🗖 NO
								T YES	🗖 NO
1								T YES	D NO
			ATTACH	ADDITION	IAL PAGES AS NE	EEDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL		
0			METHOD:	BAILE	ER 🗍 PUMP	AIR LIFT OTHER – SPECIFY:			
L INFO	WELL	. TEST				DATA COLLECTED DURING WELL TESTING,		ME, END T	IME,
AL			ANDATAE	BLE SHOWI		AND DRAWDOWN OVER THE TESTING PERI	OD.		
l			MENTS OR EXPL	ANATIONS:					
	PLUGO	SING RE	PORT						
& VI									
ST									
7. TEST & ADDITIONA									
E	THE UN	DERSIGN	ED HEREBY (CERTIFIES	THAT, TO THE BE	EST OF HIS OR HER KNOWLEDGE AND BELD O THAT HE OR SHE WILL FILE THIS WELL R	EF, THE FOREGOING I	S A TRUE A	ND
SIGNATURE	THE PE	RMIT HOL	DER WITHIN	20 DAYS A	FTER COMPLETI	ON OF WELL DRILLING:	COND WITH THE STA	LIE ENGINI	ELK AND
NA.			[]]	K		10/1/04			
SIC		2	PA /	the p					
×			I SIGNÀTUR	RE Q # DRIL	LER	/ DATE			

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